CLAIMS

What is claimed is:

1. A GUI processing system for performing an operation of an application which controls testing equipment for testing a device under test by displaying images such as icons or buttons on a screen, and selecting these images with use of a pointing device, said system comprising GUI generating/managing means, wherein said GUI generating/managing means is a combination of:

a model view controller command means including model means for managing data such as test conditions or test results,

view means for displaying content of said model means on the screen,

command means that has commands corresponding to an execution start process and an execution undo start process of said model means or said view means registered therewith and carries out said execution start process or said execution undo start process that corresponds to any of the commands, and

controller means for detecting an event which is input information from the pointing device, and specifying a command of said commands corresponding to the detected event to activate said execution start process or said execution undo start process that corresponds to the command, and

said command registered with said command means is specified, rather than said controller means directly activating said model means or said view means.

2. The GUI processing system for performing an operation of an application which controls testing equipment as set forth in claim 1, further comprising drag controller means for implementing drag-and-drop providing visual feedback, and

wherein said drag controller means is included in said GUI generating/managing means and wherein a display as to whether or not said drag-and-drop can be implemented is dynamically switched so as to provide said application.

3. The GUI processing system for performing an operation of an application which controls testing equipment as set forth in claim 1, further comprising:

command execution history stack means, said command execution history stack means including command storage means for managing a command storage, said command storage saving a command which executes an execution start process in storage means, push means for adding a new command to the tail of said command storage, pop means for fetching the command added to the tail of said command storage, and command execution history storage means for adding a command, which executes an execution start process by an operation using said pointing device, to said command storage by utilizing said push means, and operation undo means for executing an execution undo start process of the command fetched by said pop means of said command execution history stack means, and

wherein said command execution history stack means and said operation undo means are included in said GUI generating/managing means.

4. The GUI processing system for performing an operation of an application which controls testing equipment as set forth in claim 1, further comprising:

command undo history stack means, said command undo history stack means including command storage means for managing a command storage, said command storage saving a command which executes an execution start process in storage means, push means

for adding a new command to the tail of said command storage, pop means for fetching the command added to the tail of said command storage, and

command undo history storage means for adding a command, which executes an execution undo start process by an operation using said pointing device, to said command storage by utilizing said push means; and

operation redo means for executing an execution start process of the command fetched by said pop means of said command undo history stack means, and

wherein said command undo history stack means and said operation redo means are included in said GUI generating/managing means.

5. The GUI processing system for performing an operation of an application which controls testing equipment as set forth in claim 3, further comprising:

command block execution means for selecting a particular block included in said command storage, reading a command in said block, and executing the execution start process for the commands in the order of registration, and

wherein said command block execution means is included in said GUI generating/managing means so that, in response to a demonstration operation, the execution start process for the commands held in said command storage is carried out again in the order of registration of the commands.

6. The GUI processing system for performing an operation of an application which controls testing equipment as set forth in claim 5, further comprising command block edit means for storing a particular block in said command storage in said storage means, deleting commands after a predetermined command stored

in said block, and adding a new command, and wherein said command block edit means is included in said GUI generating/managing means so that, in response to the demonstration operation, the execution start process for the commands held in said command storage is carried out after the registered commands are partially edited.